

## **AMENDMENT TO THE CLAIMS**

Applicant selectively amends the claims as follows:

### **Listing of Claims:**

1 1-13. (Canceled).

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1 14. (Original) A telecommunication system having high availability comprising:

2 a media gateway for converting between POTS voice traffic and IP voice traffic, the

3 media gateway including a processor having a system management mode that executes code to

4 monitor a state of the media gateway;

5 a signaling gateway for converting between POTS signaling traffic and IP signaling

6 traffic, the signaling gateway including a processor having a system management mode that

7 executes code to monitor a state of the signaling gateway;

8 a gateway controller coupled to the signaling gateway for receiving signaling messages

9 therefrom and determining IP routing addresses corresponding to telephone numbers, the

10 gateway controller including a processor having a system management mode that executes code

11 to monitor a state of the gateway controller; and

12 a high availability system controller coupled to all of the media gateway, the signaling

13 gateway and the gateway controller, the high availability system controller having policy and

14 procedure code configured to execute when triggered by at least one of the media gateway, the

15 signaling gateway and the gateway controller in response to at least one event.

1 15. (Original) The telecommunication system of claim 14, wherein, if a malfunction occurs, the  
2 high availability system controller is alerted from the state information provided by one or more  
3 components, and the policy and procedure code executes a diagnostic routine to determine a  
4 cause of the malfunction and initiates a power-down procedure for all malfunctioning  
5 components.

1 16. (Original) The telecommunication system of claim 15, wherein the policy and procedure  
2 code includes routines to activate replacement components to cover for malfunctioning  
3 components.

1 17. (Original) The telecommunication system of claim 16, wherein the policy and procedure  
2 code includes routines for rerouting voice and signaling traffic to maintain quality of service.

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1 18-25. (Canceled).

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